

January 2005



# FAA ACADEMY INTERNATIONAL TRAINING DIVISION (ITD)

AMA-800

## CHINESE TRAINING IN OKLAHOMA CITY

A Safety Risk Management workshop was conducted for 19 high-ranking Chinese Aviation officials at the FAA Academy, November 1-12, 2004. The Chinese delegates were Directors

requested by the CAAC. The course included many guest speakers presenting detailed information on such topics as system safety risk management, air transportation oversight system (ATOS), International Civil Aviation Organization (ICAO) Annex 13, safety culture, FAA compliance and enforcement procedures, runway safety, and various other subjects.



and Deputy Directors General of the Civil Aviation Authority of China (CAAC) who came together from nearly every economic region of the country. China has three international airlines, six regional airlines, and explosive growth in the aviation industry.

The workshop was designed in response to specific requirements

While in Oklahoma City the Chinese delegation interfaced with four major universities visiting the University of Oklahoma's Local Area Augmentation System (LAAS), Oklahoma State University's Aviation Language Development Program, Oklahoma City

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## Marabou Storks and the President of the United States



What could African Marabou Safe Skies for Africa is a presidential initiative storks and a U.S. president created to promote sustainable improvement in possibly have in common? Are aviation safety and security in Africa, as well as, you aware that International Civil create the environment necessary to foster the growth Aviation Organization records and of aviation services between Africa and the United the FAA reports show more than States. For instance, one of the many ways in which 20 bird strikes daily for the past FAA Academy's International Training Division two decades on aircrafts around the (ITD) works with SSFA countries to improve world? What ties the Marabou aviation safety is by conducting Wildlife Hazard storks around Kenya's Nairobi Management training. Did you know that bird and Airport and a presidential Initiative other wildlife strikes to aircraft annually cause on aviation safety? **Safe Skies for Africa (SSFA).**

*[Continued on page 4](#)*

## AIRWAY FACILITY TRAINING CONDUCTED IN AFRICA

[WWW.SSFA.NET](http://WWW.SSFA.NET)

Recently an International Training Division (ITD) team traveled to Africa to conduct training to Civil Aviation Authorities (CAA) on establishing Airway Facilities Maintenance Personnel Certification Programs within their respective countries.



The first training course was hosted in September, at the DJEUGA Palace Hotel in Yaounde, Cameroon to CAA officials and managers representing the countries of Cameroon and Cape Verde. The second course was hosted at the Kalahari Sands Hotel in Windhoek, Namibia to CAA representatives from the

countries of Namibia, Kenya, Uganda, and Tanzania.

The purpose of this training was to assist the international participants in developing and implementing a maintenance personnel certification program for his/her Civil Aviation Authority. Training included lectures and intensive active classroom discussions on a variety of issues relating local Airway Facilities/ Air Traffic facilities and airspace to air traffic and aircraft operations. These courses were presented under the auspices of the Safe Skies for Africa Program as a result of training assessments previously conducted in these countries. For more information regarding this training, please contact Stan Solo, Airway Facilities Program Manager, at [Stan.Solo@faa.gov](mailto:Stan.Solo@faa.gov).



## A MESSAGE FROM THE ITD MANAGER



Happy New Year!  
"As the ITD comes to close on another exciting, fabulous year, I want to convey my appreciation to our international customers, FAA stakeholders, and sponsors for supporting our efforts to provide excellent training. This past fiscal year 2004 brought us record setting numbers of participants trained and number of in-country training services delivered by our instructors. We are embarking on a new year with new ventures ahead of us and I am proud to say that opportunities are endless!"

**"We are embarking on a new year with new ventures ahead of us and I am proud to say that opportunities are endless!"**

First and foremost, I am excited to inform everyone of our new International Training Secretariat organization in the Office of International Aviation, Washington, D.C. This new office will enable the FAA to provide training services in a more unified approach and effective way that will ultimately benefit our international customers. Please look for more details in our next newsletter regarding this new organization."

## AIR TRAFFIC TRAINING ADMINISTRATION

The Air Traffic program continues with course development for air traffic facilities. The latest course being developed is Course 50329, Air Traffic Training Administration.

This is a 40 hour Course covering the central elements of an air traffic program, the requirements for developing and implementing an air traffic training program, and the documentation protocols for tracking individual training. The course utilizes several International Civil Aviation Organization documents for guidance. Air Traffic facilities that are interested



in establishing or improving their training programs will find the course beneficial.

An air traffic controller skills simulation lab is being planned for the East African Community (EAC). The lab will give the EAC the ability to train air traffic controllers within their region. academic instruction and simulation will be combined to train personnel in how to control aircraft movements utilizing some form of surveillance. The most prominent form is radar, but the same skills will be needed as some countries progress to an air traffic systems broadcast environment.

Work continues with countries that have requested specific training goals. We have the ability to customize a training program to meet specific needs of any country. We invite any country that has training needs or objectives to contact the air traffic program manager for assistance in determining a training path that will meet your objectives. For more information regarding this initiative, contact Doug Andresen at [Doug.Andresen@faa.gov](mailto:Doug.Andresen@faa.gov).



## Marabou Storks and the President of the United States (Continued from pg. 2)

over \$600 million in damage to civil and military aviation in the United States? That over 63,156 bird strikes to civilian aircraft (U.S.) were reported to the FAA during the time period from 1990 to 2004 – speculated to be only 20% of the actual number of strikes?

Internationally, the numbers are just as staggering. The International Civil Aviation Organization has collected data approximately 78,000 bird strikes, from more than

190 countries and territories throughout the world, during the time period from 1980 to present. In examining the data, keep in mind that this is only a portion of the actual number of strikes. Sharing the sky and the airport environment

with birds and other animals is a serious concern to aviation personnel, especially within the International aviation community.

ITD has partnered with FAA's Office of Airport Safety and Standards (AAS) to provide training to airport personnel in SSFA countries. Instructors Ed Cleary, Staff Wildlife Biologist with AAS, and Allen Gosser, Assistant State Director, Wildlife Services, USDA, recently returned from providing training to airport personnel in various African countries. Traveling with the Instructors, Will Schmieding, Chris Steves, and Jeff Hoopingarner, of Mike Monroney Aeronautical Center's Media Solutions Division, captured the training and various wildlife hazards on video and in pictures. SSFA sponsored the Media Solutions project to produce a Wildlife Hazard Management training on video that will be used by the SSFA countries as a refresher and as reinforcement of their classroom training. Wildlife Hazard training is

pertinent, as Will and Chris noted while at Kenya's Nairobi Airport,

*"The first day at the Nairobi airport we spotted a Gazelle running across the runway. On the second day we stopped at the end of the runway to see the airport firefighters cleaning up the remains of a Gazelle, or what we thought was a Gazelle."*

Another serious problem, experienced at many of SSFA airports, comes from a large bird called the Marabou stork. The male, as tall as 5 feet with a wingspan of 9.5 feet, along with female storks, tend to congregate around dumps. Many dumpsites are located next to airports, creating a problem for the arriving and departing air traffic. When disturbed, hundreds of these storks take flight, creating an even more imposing, dangerous aviation situation.

The Wildlife Hazard Management course trains airport personnel on how to deal with such wildlife situations. The course provides

guidance on how to recognize attractants on or near an airport that may appeal to hazardous wildlife, how to develop an airport wildlife control program, as well as, provide skills needed for management of wildlife hazards at airports.

As aviation traffic increases in SSFA countries, so does the need for increased aviation safety. Wildlife Hazard Management training is just one of the many ways International Training Division fosters our partnership with these African countries.

For more information regarding this training, please contact Emily Godinet, Program Manager for SSFA, at [Emily.M.Godinet@faa.gov](mailto:Emily.M.Godinet@faa.gov).



**During low-level operations, this F-111 struck a red-tailed hawk, shattering the composite.**



**Marabou storks disrupted by incoming air traffic.**

## ENGLISH IN AVIATION: WHAT'S UP?

**T**o spread expertise in teaching English for Aviation, AMA-800 continues the process of building resources with a university consortium. We're creating specific Air Traffic materials, developing qualified instructors, and preparing appropriate tests.

In the International Training Division we're working to address the safety issues arising from insufficient English language proficiency that has contributed to many air incidents and accidents. As a result of global concerns in this area, new International Civil Aviation Organization (ICAO) practices were introduced by the 188 signatory states in 2003.

The prototype English for Air Traffic course was conducted at Oklahoma State University (OSU) in Stillwater, Oklahoma during November and December. Twelve course participants were invited from the Civil Aviation Authorities in Central and South America to take part in the prototype. These Spanish speakers created a solid basis on which to evaluate and measure course content. All 12 of the participants stayed in the University's Scott Hall dormitory, developing their professional English in class for five hours daily and later informally in the student areas at OSU.

The participants, including representatives from Central America Corporation of Services of Air Navigation (COCESNA) read, listened, discussed and participated in class activities on good communication, Automatic Terminal Information Service, and Flight Information Services. They also improved their AT language for taxiing, departures, approaches, as well as handling daily self-paced program exercises and presentations on aviation themes.

Extra curricular activities for the group included attending an OSU basketball game, visiting the Cowboy Hall of

Fame, shopping, visiting historic Guthrie (a former Oklahoma Capitol) for the Victorian Walk, a seasonal Wassail Night, and a bluegrass concert. This cultural program made up part of the 2-hour Acquisition Lab of the daily programming, where learners use their English informally, acquiring fluency and confidence that transfers directly to the English they use at work.

We are grateful to our southern neighbors for providing an efficient test-bed for course work to be delivered, critically evaluated, adjusted, and improved so that our projected rollout of the course in 2005 will be on tried and tested grounds.



The practical **English for Air Traffic** course for intermediate learners targets voice-to-voice and face-to-face communications in radio-telephony in air traffic and prepares learners for international Air Traffic courses in the Federal Aviation Administration Academy. Target vocabulary, for example, aims for accurate and effective communication on common, concrete, and aviation work-related

topics. When lacking vocabulary in unusual or unexpected circumstances, participants practice paraphrasing in order to achieve successful communication.

An additional course that will be offered, **Introduction to Aviation English**, is for low intermediate learners who can read English and aims to prepare the participants to reach the ICAO pre-operational level 3. It activates latent English skills for learners to undertake specific aviation career training delivered in English. This course is planned to be on trial in early 2005.

For more information regarding this initiative, contact Graham Elliott, Aviation Language Training Program Manager, at [Graham.Elliott@faa.gov](mailto:Graham.Elliott@faa.gov).

## ITD FISCAL YEAR SUMMARY

The ITD completed a successful year of training for international participants in FY-04. Thanks to the Office of International Aviation (AIA) management, International Training Specialist, the desk officers, and field representatives who play an important role in our continuing success.

	Dedicated Classes	Quota	Countries
Dedicated Resident Classes	16	397	51
In-Country Training	33	663	28
Training Assessments/ Activities			7

## ITD STAFF CHANGE



**Emily Godinet**

**Emily Godinet** has joined the International Training Division (ITD) team as Program Manager for Safe Skies for Africa (SSFA) on a six month detail.

With an academic background in engineering, electronics, and computer science, Emily's career has taken her to various international locations. Starting government service 30 years ago, Emily worked as a Nuclear Weapons Electronics Specialist and Crew Chief, while in Colorado and in Europe serving the U.S. Army. Continuing on electronics, Emily worked for National Bureau of Standards (NBS) in the standards and calibration field, then for National Oceanic and Atmospheric Administration

(NOAA), running one of only four atmospheric observatories in the South system specialist.

Arriving at Mike Monroney Aeronautical Center (MMAC) in 1992, Emily has worked in a variety of positions: as an Instructor in the Airway Facilities (AF) Academy Division in the Terminal Automation Radar arena, as a staff specialist for the AF Academy Training Operations and Technology Support Branch, and as a Management and Program Analyst (detached) for Washington's Air Traffic Organization (ATO) in the Technical Operations Training Division.

Emily is excited to be working with FAA Academy's International Training Division and assisting the Division Manager with oversight and coordination of the various technical programs within Safe Skies for Africa.

## CHINESE TRAINING IN OKLAHOMA CITY (CONTINUED FROM PAGE 1)

University campus, and Rose State Community College.

During the ICAO Assembly in October 2004, Administrator Blakey stressed the importance of bilateral cooperation with China. This workshop's goal was to make a positive impact on international aviation safety and provide proven techniques the CAAC officials could implement when they returned to China.

The ITD division is looking forward to providing additional courses to China.

For more information regarding this training, please contact the Regulatory Standards Program Managers, Tweet T. Coleman at [Tweet.T.Coleman@faa.gov](mailto:Tweet.T.Coleman@faa.gov), or Garrison Russell at [Garrison.Russell@faa.gov](mailto:Garrison.Russell@faa.gov).



## 21029 EN ESPAÑOL

The ITD recently passed a milestone when inspectors from the Miami International Field Office presented our Course 21029, International Operations Inspector Indoctrination course in the Dominican Republic. This was the first time this course had been taught entirely in Spanish.



Left to right: Raul Pomales, Leonidas Franklin Tapia (Chilean Inspector), Daniel Castro, Mr. Carlos Rubio, Chilean Ambassador to the Dominican Republic, Mrs. Monica Canobra, Marcelo Canobra (Chilean Inspector), and Rudy Stange Osorio (Chilean Inspector).



## ABOUT THE ACADEMY



### Recent Events

- In October 2004, Sunny Lee-Fanning, ITD Manager, and ITD members participated in the Department of Transportation/Transportation Security Administration Aviation Security Workshop in Johannesburg, South Africa in support of the DOT's Safe Skies for Africa initiative.
- Course 21028, Airworthiness Safety Inspector and Course 21029, Operations Safety Inspector, were conducted in Korea.
- Course 06047, Airport Certification for Non-FAA Employees, was conducted in both Cape Verde and South Africa.
- Course 27953, Aircraft Certification Seminar, was conducted in Chile.

### Upcoming Events

- The Airworthiness Safety Inspector and Operations Safety Inspector Courses are undergoing a complete redevelopment and will be ready in FY05.



The FAA Academy has provided technical training internationally to international participants for over 50 years. Our cutting-edge technology and high standards in excellence enable international participants to operate and maintain the most complex airspace systems in the world. Over 12,995 international participants have completed training from over 172 countries.

### New Courses in Fiscal Year 2005

- ✦ Air Traffic Training Administration
- ✦ Systems Safety
- ✦ English for Air Traffic
- ✦ Introduction to Aviation English

For more information please visit our website: <http://www.academy.jcabi.gov/ama800/>.

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**We're on the Web!**

[www.academy.faa.gov/ama800](http://www.academy.faa.gov/ama800)

The Academy's International Staff is always on hand and willing to help with your training needs. Please feel free to contact us.

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(front row left to right) Theresa White, Glenda Wilson-Calhoun, Patrick Mayo, Janice Wright, Jenny Chong, Tweet T. Coleman, and Graham Elliott.  
(second row) Timothy Schroeder, Doug Andresen, Garrison Russell, Stan Solo, David Juarez, Melissa Graffigna, and Sunny Lee-Fanning.  
(Not pictured: Emily Wilson-Godinet)